

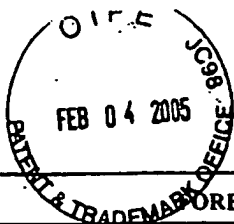
Application No.  
10/657,271

**Group  
2811**

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3/30/2005

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



| FOREIGN PATENT DOCUMENTS                                               |   |                 |                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   |      |          |          |  |  |
|------------------------------------------------------------------------|---|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|------|----------|----------|--|--|
|                                                                        |   | DOCUMENT NUMBER |                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   | DATE | COUNTRY  |          |  |  |
| DPN                                                                    | 9 | 8               | 1                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 0 | 5 | 4 | 5    | 03/12/98 | W.I.P.O. |  |  |
| DPN                                                                    |   | 0               | 9                                                                                                                                                                                                                                                                                                                                                                                      | 7 | 4 | 2 | 0 | 2    | 01/26/00 | E.P.O.   |  |  |
| DPN                                                                    |   | 0               | 8                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 0 | 1 | 6 | 8    | 01/21/98 | E.P.O.   |  |  |
| DPN                                                                    |   | 2               | 0                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 7 | 2 | 3 | 0    | 04/18/95 | CANADA   |  |  |
| DPN                                                                    |   | 2               | 1                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 1 | 5 | 4 | 3    | 06/18/94 | CANADA   |  |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |   |                 |                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 1               | ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996. |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 2               | An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, vol. 53, no. 2 (February, 1973).                                                                                                                                                                                                                  |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 3               | An article by H. OHBA et al., entitled "End-to-End Protocol Based On CCITT X.25 and Its Implementation", published at pages 281-287 of Evolutions In Computer Communications, Kyoto September 26-29, 1978, International Conference On Computer Communication, Tokyo, Japan, vol. CONF. 4, September 1978.                                                                             |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 4               | An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?".                                                                                                                                                                                                             |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 5               | An article published in the periodical, "Nikkei Communications", Vol. 252, August 18, 1997, pages 80-89.                                                                                                                                                                                                                                                                               |   |   |   |   |      |          |          |  |  |
| DPN                                                                    |   | 8               | ITU-T recommendation G.994.1 ("Handshake Procedures For Digital Subscriber Line (DSL) Transceivers"), published by the International Telecommunication Union in February, 2001.                                                                                                                                                                                                        |   |   |   |   |      |          |          |  |  |

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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P24108Serial No.  
70/657,271INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Stephen PALMFiling Date  
September 9, 2003Group  
2811

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|----------|-------------------|-------|----------|-------------------------------|
| DXN                 | 5 4 9 3 6 0 9   | 02/20/96 | DAVIS et al.      | 379   | 96       | Jul. 07/94                    |
| DXN                 | 6 0 0 2 7 2 2   | 12/14/99 | WU                | 375   | 295      | Jul. 19/96                    |
| DXN                 | 4 6 7 9 2 2 7   | 07/07/87 | HUGHES-HARTOGS    | 379   | 98       | May 20/85                     |
| DXN                 | 5 4 7 9 4 4 7   | 12/26/95 | CHOW et al.       | 375   | 260      | May 03/93                     |
| DXN                 | 5 6 4 4 5 7 3   | 07/01/97 | JACOBSEN          | 370   | 503      | Jan. 20/95                    |
| DXN                 | 5 4 6 3 3 8 2   | 10/31/95 | NIKAS et al.      | 340   | 825.4    | Apr. 22/94                    |
| DXN                 | 5 3 7 7 1 8 8   | 12/27/94 | SEKI              | 370   | 85.1     | Sep. 15/93                    |
| DXN                 | 5 3 4 9 6 3 5   | 09/20/94 | SCOTT             | 379   | 97       | Nov. 19/92                    |
| DXN                 | 4 8 9 7 8 3 1   | 01/30/90 | NEGI et al.       | 370   | 29       | Feb. 29/88                    |
| DXN                 | 5 3 1 1 5 7 8   | 05/10/94 | BREMER et al.     | 379   | 97       | May 07/92                     |
| DXN                 | 6 2 0 5 2 0 8   | 03/20/01 | DETLEFSEN et al.  | 379   | 93.05    | Mar. 31/97                    |
| DXN                 | 6 1 4 1 3 5 4   | 10/31/00 | NAKATSUGAWA       | 370   | 465      | Dec. 08/97                    |
| DXN                 | 5 9 3 3 4 5 4   | 08/03/99 | CIOFFI            | 375   | 260      | Mar. 13/97                    |
| DXN                 | 5 6 3 3 8 9 0   | 05/27/97 | AHMED             | 375   | 219      | Feb. 24/94                    |
| DXN                 | 5 4 9 1 7 2 0   | 02/13/96 | DAVIS et al.      | 375   | 222      | May 21/92                     |
| DXN                 | 5 3 7 1 5 3 4   | 12/06/94 | DAGDEVIREN et al. | 348   | 16       | Jul. 23/92                    |
| DXN                 | 5 1 4 4 6 5 1   | 09/01/92 | COOPER            | 379   | 98       | Nov. 19/90                    |
| DXN                 | 4 9 5 3 2 1 0   | 08/28/90 | MCGLYNN et al.    | 380   | 48       | Feb. 22/90                    |
| DXN                 | 5 8 2 6 1 9 8   | 10/20/98 | BERGINS et al.    | 455   | 557      | Feb. 07/98                    |
| DXN                 | 6 0 4 4 1 0 7   | 05/28/00 | GATHERER et al.   | 375   | 222      | Nov. 13/96                    |
| DXN                 | 5 4 0 0 3 2 2   | 03/21/95 | HUNT et al.       | 370   | 19       | Aug. 20/93                    |
| DXN                 | 5 8 0 5 6 6 9   | 09/08/98 | BINGEL et al.     | 379   | 28       | Jan. 15/97                    |
| DXN                 | 5 9 0 3 6 0 8   | 05/11/99 | CHUN              | 375   | 260      | Jul. 24/97                    |
| DXN                 | 5 9 1 0 9 7 0   | 06/08/99 | LU                | 375   | 377      | Oct. 31/96                    |
| DXN                 | 5 6 6 8 8 5 7   | 09/16/97 | McHALE            | 379   | 93.01    | Mar. 29/96                    |
| DXN                 | 5 7 8 1 6 1 7   | 07/14/98 | McHALE et al.     | 379   | 93.14    | Jan. 10/97                    |

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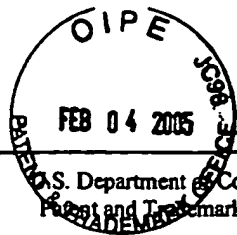
Dong X. Nguyen

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3/30/2005

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Form PTO-1449

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

 Atty. Docket No.  
P24108

 Serial No.  
10/657,271

 Applicant  
Stephen PALM

 Filing Date  
September 9, 2003

 Group  
2811

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
|                     |                 |      |      |       |          |                               |
|                     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|    | DOCUMENT NUMBER | DATE     | COUNTRY  | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|----|-----------------|----------|----------|-------|----------|-----------------------|
| DN | 9 8 / 1 0 5 4 5 | 03/12/98 | W.I.P.O. |       |          |                       |
| DN | 0 9 7 4 2 0 2   | 01/26/00 | E.P.O.   |       |          |                       |
| DN | 0 8 2 0 1 6 8   | 01/21/98 | E.P.O.   |       |          |                       |
| DN | 0 9 7 4 2 0 2   | 01/26/00 | E.P.O.   |       |          |                       |
| DN | 9 9 / 3 5 7 5 6 | 07/15/99 | W.I.P.O. |       |          |                       |
| DN | 9 9 / 4 9 2 2 9 |          | W.I.P.O. |       |          |                       |
| DN | 6 - 9 7 9 8 0   | 04/08/94 | JAPAN    |       |          |                       |
| DN | 1 0 - 7 5 2 7 9 | 03/17/98 | JAPAN    |       |          |                       |
| DN | 2 0 2 7 2 3 0   | 04/18/95 | CANADA   |       |          |                       |
| DN | 2 1 1 1 5 4 3   | 06/18/94 | CANADA   |       |          |                       |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|    |   |                                                                                                                                                                                                                                                                                                                                                                                        |
|----|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DN | 1 | English Language Abstract of JP 6-97980.                                                                                                                                                                                                                                                                                                                                               |
| DN | 2 | English Language Abstract of JP 10-75279.                                                                                                                                                                                                                                                                                                                                              |
| DN | 3 | ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996. |
| DN | 4 | An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, vol. 53, no. 2 (February, 1973).                                                                                                                                                                                                                  |

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*Dong S. Nguyen*

DATE CONSIDERED

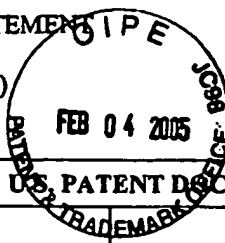
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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P24108Application No.  
10/657,721INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Stephen PALMFiling Date  
September 09, 2003Group  
2811

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|----------|----------------|-------|----------|-------------------------------|
| DPN                 | 5 4 6 3 3 8 2   | 10/31/95 | NIKAS et al    | 340   | 825.44   | Apr. 22/94                    |
| DPN                 | 5 3 7 7 1 8 8   | 12/27/94 | SEKI           | 370   | 85.1     | Sep. 15/93                    |
| DPN                 | 5 1 6 3 1 3 1   | 11/10/92 | ROW et al      | 395   | 200      | Sep. 08/89                    |
| DPN                 | 5 4 7 9 4 4 7   | 12/26/95 | CIOFFI et al   | 375   | 260      | May. 03/93                    |
| DPN                 | 4 6 7 9 2 2 7   | 07/07/87 | HUGHES-HARTOGS | 319   | 98       | May 20/85                     |
| DPN                 | 5 4 9 3 6 0 9   | 02/20/96 | DAVIS et al    | 379   | 96       | Jul. 07/94                    |
|                     |                 |          |                |       |          |                               |
|                     |                 |          |                |       |          |                               |
|                     |                 |          |                |       |          |                               |

## FOREIGN PATENT DOCUMENTS

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|-----------------|----------|---------|-------|----------|-----------------------|
| 0 9 7 4 2 0 2   | 01/26/00 | E.P.O   |       |          |                       |
| 0 8 2 0 1 6 8   | 01/21/98 | E.P.O   |       |          |                       |
| 9 8 1 1 0 5 4 5 | 03/12/98 | W.I.P.O |       |          |                       |
|                 |          |         |       |          |                       |
|                 |          |         |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|     |   |                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DPN | 1 | "ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network. On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996; |
| DPN | 2 | An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."                                                                                                                                                                                                                    |
| DPN | 3 | An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, Vol. 53, No. 2 (February, 1973).                                                                                                                                                                                                                         |
| DPN | 4 | An article by H. OHBA et al., entitled "End-to-End Protocol Based on CCITT X.25 and Its 29, 1978, Implementation", published at pages 281-287 of Evolutions in Computer Communications, Kyoto September 26-International Conference On Computer Communication, Tokyo, Japan, Vol. CONF. 4, September 1978.                                                                                    |

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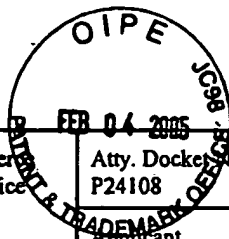
Dong N. Nguyen

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Patent and Trademark OfficeAtty. Docket No.  
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BY APPLICANT

(Use several sheets if necessary)

Applicant  
Stephen PALMFiling Date  
September 9, 2003Group  
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## U.S. PATENT DOCUMENTS

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|---------------------|-----------------|----------|----------------|-------|----------|-------------------------------|
| DM                  | 5 7 1 5 2 7 7   | 02/03/98 | GOODSON et al. | 375   | 222      | Jul. 28/1995                  |
| DM                  | 5 4 9 3 6 0 9   | 02/20/96 | DAVIS et al.   | 379   | 96       | Jul. 07/1994                  |
|                     |                 |          |                |       |          |                               |
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| 0 8 2 0 1 6 8   | 01/21/98 | E.P.O.  |       |          |                       |
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|                 |          |         |       |          |                       |
|                 |          |         |       |          |                       |
|                 |          |         |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|----|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| DM | 1 | ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminating Equipments (DCEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996. |  |  |  |  |
| DM | 2 | K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?"                                                                                                                                                                                                                                         |  |  |  |  |
|    |   |                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |
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